

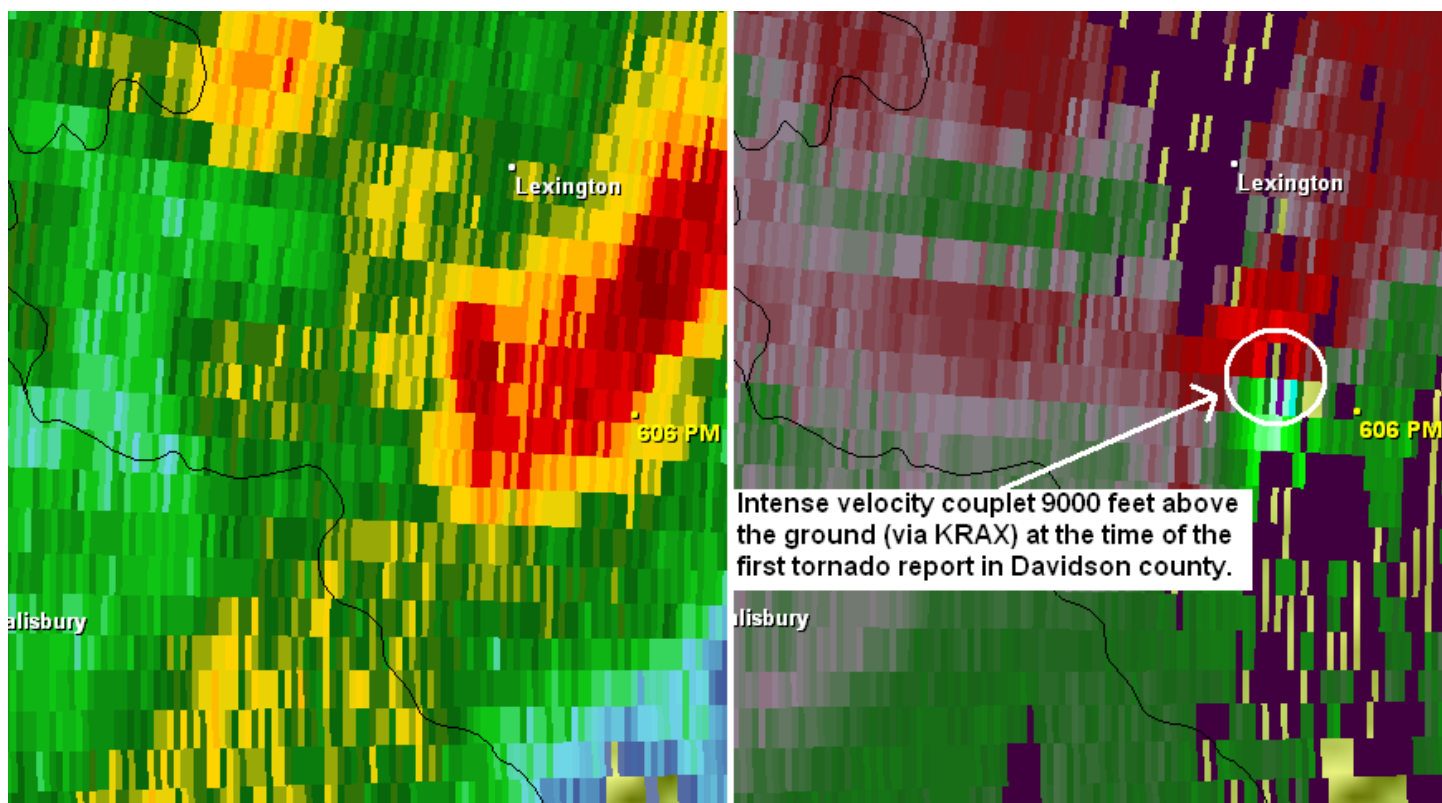
Damage Survey to be Conducted Today (11/17/2011) in Davidson and Randolph Counties

Isolated severe thunderstorms developed ahead of a strong cold front moving into central North Carolina on the evening of Wednesday November 16, 2011. Between 605 and 635 pm EST, one fatality was reported in Davidson county in addition to numerous reports of damaged or destroyed buildings in both Davidson and Randolph counties. A survey team from the National Weather Service in Raleigh, NC will be dispatched to Davidson and Randolph counties today to determine whether or not a tornado was responsible for the damage.

Radar Imagery from KRAX at 605 pm EST November 16, 2011

0.5 degree reflectivity 605 pm EST 11/16/2011

0.5 degree storm relative velocity 605 pm EST 11/16/2011



The 0.5 degree storm relative velocity product (right image) indicated intense rotation associated with a supercell thunderstorm in Davidson county at the time of the first tornado reports. A velocity signature of this type co-located with numerous damage reports strongly suggests that a tornado was responsible. However, positive confirmation of a tornado cannot be determined by radar imagery alone.